2020-2021 Educational Year, Potpori Revision of 9th Unit (Science) for 8th Grade Students

Name, surname : **Class / Number :**

1. Write the correct words under the pictures. (2 points each.)

A. Scientist	B. Test tubes	C. Solar panel	D. Heat	E. Compass
F. Disease	G. Achievement	H. Cell	I. Planets	J. Prize
K. Discovery	L. Printer	M. Invention	N. Environment	O. Medicine



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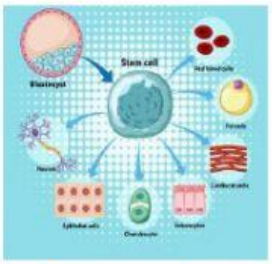
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2. Match the sentences with their meanings. (1 point each.)

1.	The discovery of water on other planets may be the most important scientific achievement.	A.	Bilimdeki başarıların yardımıyla doğmamış bebekler hakkında daha fazla bilgiye sahibiz.
2.	If people pay more attention to science, it'll be possible to improve a healthier life.	B.	Bilimdeki bazı keşifler ölümcül hastalıkları teşhis edip tedavi edebilir.
3.	With the help of the achievements in science, we have more information about unborn babies.	C.	Deneyler yürütmek ve cihazlar geliştirmek bilimin alanlarındandır.
4.	Some discoveries in science may diagnose and cure the deadly diseases.	D.	Diğer gezegenlerdeki suyun keşfi en önemli bilimsel başarı olabilir.
5.	Conducting experiments and developing devices are the fields of science.	E.	İnsanlar bilime daha fazla önem verirse, daha sağlıklı bir yaşam geliştirmek mümkün olacak.

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3. Put the sentences into correct places of conversation. (6 points each.)

A- What is the best scientific development for you?

B- Can we cure all of the diseases in the future?

C- What is the process of 3D printing and how does it contribute to the science?

D- What about the most deadly diseases like cancer?

E- What is the difference between invention and discovery?

Berktuğcan: Hi, Hico. How are the things?

Hico: Everything is alright. What about you?

Berktuğcan: I'm doing well. I know you are interested in science and skilled at making experiments, that is why you may help me. Let me start with the first question. 1-_____.

Hico: Nice question. It is a kind of technological device which takes some special materials, melts them and prints whatever you want by some movements. It's contribution to the science is unbelievable, because the scientists can print parts of human body in a short time by using it.

Berktuğcan: Really! This sounds both incredible and frightening. Is not it?

Hico: I know what you mean. That is right. Everyone can get it and it is possible to print guns with it.

Berktuğcan: Hmmm. I hope something like that never happens. Here comes the second question. 2-_____. I often confuse them.

Hico: The first one is about doing something new from the materials we have already known. For example, a phone is made up of plastic, microphones, wires, metal, aliminum and magnets. These materials are already in nature, but Alexander Graham Bell had an idea, got these materials and produced a new device we did not know before. The second is about finding something that we don't know yet. Think about the fossils. They are under the ground for thousands of years. An archaelogist searches the ground, finds their places and now, we can see them.

Berktuğcan: Now, I got it. The third question is about both science and health. 3-_____.

Hico: The answer is both yes and no. Let me give you an example from our daily life. The Coronavirus killed nearly four million people, and the number is going up every day. Now, we have only one cure for it: Vaccination. If we use it fast and effectively, we can stop the deaths quickly. 4-_____.There has been great development and we can diagnose these diseases in a short time, but it is not enough for now.

Berktuğcan: I'm sorry to hear that.

Hico: Don't be sorry. Work hard, make the science your only guide and do something to save people.

Berktuğcan: You are right. And last question:) 5-_____.

Hico: Heart chips, discovery of DNA, bionic eye, the incredible device which can take the images of unborn babies, invention of compass and artificial intelligence are just some of the fascinating developments and achievements in the field of science.

Berktuğcan: Thank you so much:)

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4- Match the words with the sentences. (2 points each.)

A- Currently	B- Improve	C- Achievement	D- Image	E- Common
F- Explore	G- Device	H- Invention	I-Cell	J- Disease

1- Similar or having almost the same characterictics about something. ____

2- Picture or visual. ____

3- Now, nowadays, these days. ____

4- The smallest structure of an organism. ____

5- Something (especially a technological equipment) that is made for a special purpose. ____

6- Producing something new from the current materials people have already known. ____

7- Development or the stuation in which something is getting better. ____

8- Discovering or searching places or materials to have information about something. ____

9- A disorder or stuation in which human body stops working or operating healthily. ____

10- Being successful in doing or understanding something. ____

5- Circle the correct words. (2 points each.)

A. Marie Curie **invented/discovered** Radium and Polonium, and this achievement brought her Nobel Prize.

B. If we can **heat / diagnose** a disease before the baby is born, it'll be much easier to cure it.

C. This **lab / environment** is our home. We need to protect as long as we are alive in this world.

D. The scientists are conducting **experiments / solar gravity** to kill Coronavirus in the lab.

E. Canan Dağdeviren **discovered / invented** a battery-free heart chip. This can save millions of people.

F. In my opinion, parents should **encourage / explore** their kids to be interested in science.

G. As a teen, you need to **develop / operate** yourself by watching Barış Özcan videos instead of following these stupid TikTok stories.

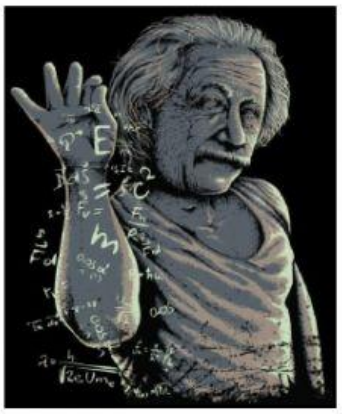
H. The technology is always connected to the science. According to a **mosquito / research**, the inventors draw the plans of the things they will develop in their mind with scientific processes.

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LET'S HAVE FUN

4. Guess the words and complete the puzzle.

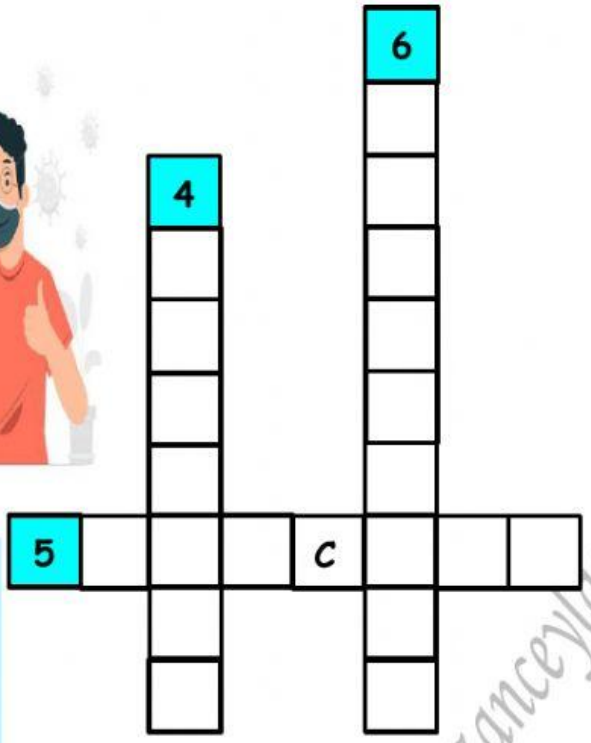
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